



Seattle City Light



Apprenticeship Programs
700 Fifth Avenue, Suite 3300
PO Box 34023
Seattle, WA 98124-4023
www.seattle.gov/light/apprentice



Apprenticeship Programs



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Six Great Opportunities

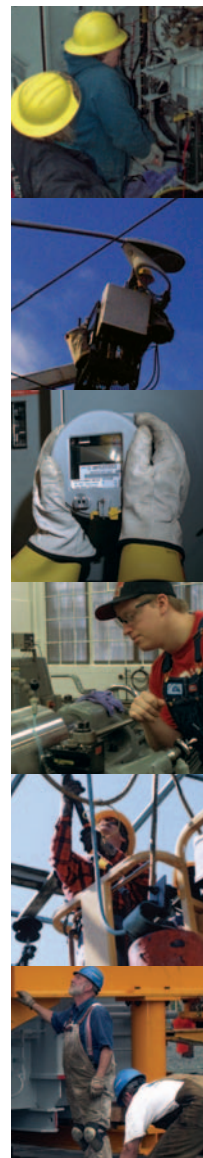
Seattle City Light currently offers six electrical apprenticeship programs - **Cable Splicer, Electrician Constructor, Hydroelectric Maintenance Machinist, Laborer, Lineworker, and Meter Electrician.**

Most of these programs include four years/8,000 hours of on-the-job training and 576 hours of academic training. The Laborer Apprenticeship offers two years/4,000 hours of on-the-job training and at least 240 hours of academic training. These Apprenticeship Programs prepare participants for some of Seattle City Light's most vital jobs.

We are national leaders in training people for work in the trades and those who join our programs will truly be in the forefront of employment in the electrical utility industry.

Most of our apprenticeship programs require the ability to obtain a special motor vehicle endorsement (CDL).

If you're at least 18 years old, looking for a challenge and have the right combination of education, skills, and physical abilities, you could be eligible for one of Seattle City Light's Apprenticeship programs.



About the Programs



What is an Apprenticeship?

An apprenticeship is a supervised program for learning highly technical skills through a combination of on-the-job training and classroom education. At Seattle City Light, an apprentice is an important part of a highly skilled team.

Apprentice training standards are carefully overseen by the Joint Apprenticeship Training Council and a subcommittee from the particular craft. Our programs are approved by and accredited through the State of Washington.

Individuals who complete an apprenticeship program are given certificates of completion certifying their qualifications as highly skilled journey-level workers in their trade. All of our electrical apprentices are required to join the International Brotherhood of Electrical Workers union, while others are required to join their particular craft union.

How the Programs Work

On-The-Job Training

During on-the-job training, you will work as a member of a line, constructor, hydro machinist, cable splicer or laborer crew under the direct supervision of journey-level workers/crew chiefs. Assignments will be rotated to give you an overall perspective of Seattle City Light operations. During on-the-job training you are paid hourly, based upon the employment salary schedule.

Classroom Instruction

In addition to on-the-job training, you will be required to attend a minimum of 144 hours of classroom instruction annually, one night a week for four hours during three-quarters of the year. Homework assignments will require additional study time. You will not be paid for the time in classes or homework.

Apprentices in the program can look forward to:

- Excellent salaries - Apprentice salaries for Cable, Constructor, Line, Machinist and Meter begin at about \$20.00 per hour and increase in steps to about \$29.00 per hour. Laborers apprentice salary begins at about \$13.00 per hour and increase in steps to about \$15.00 dollars per hour. These 2005 rates may change with the cost of living increase.
- A full spectrum of benefits including medical, dental, retirement, and other programs
- Challenging, steady work
- Opportunities for growth and advancement

Programs are open to all candidates who meet our stringent qualifications. Successful candidates for Seattle City Light's Apprenticeship Programs reflect the diversity in the city's population. We are dedicated to increase the number of women and minorities in our apprenticeships and, at the same time, providing opportunity for all qualified applicants.



CABLE SPLICER

Cable Splicer Apprenticeship is a four-year/8,000 hour program. Cable Splicer Apprentices learn to splice, terminate, and maintain low and high voltage power cables in an underground network distribution system. Apprentices learn to install and maintain conductors, transformers, network protectors, relays, switches, and related electrical equipment. Apprentices also learn to locate and repair electrical faults and will perform physically demanding work in confined areas such as vaults and tunnels.

Minimum Qualifications to Apply for Cable Splicer

- U.S. Citizenship or have legal permission to be employed in the United States
- Must be at least 18 years of age at time of hire
- High School Diploma or equivalent
- Valid Washington State Driver's License
- Department of Licensing Driver's abstract
- Three to four months work experience (paid or volunteer) in the electrical field OR six months to one year of high school training in electrical theory
- Complete one year of high school-level algebra, geometry or trigonometry

Note: If you are seeking to qualify through educational experience, you must include a transcript of your course work.

Hiring Process

Successful completion of:

- Written test on electrical theory and mathematics
- Working test demonstrating knowledge of tools and electrical equipment and the ability to perform work functions
- Interview
- Reference check
- Background check
- Pre-employment physical



ELECTRICIAN CONSTRUCTOR

Electrician Constructor Apprenticeship is a four-year/ 8,000 hour program. Apprentices learn to work with high voltage electricity and provide service and maintenance to substations throughout Seattle City Light's distribution system. Under the supervision of a journey-level worker, apprentices perform work on transformers, conductors, circuit breakers, switches, protective devices, and cutouts. Apprentices work on poles, towers, and underground vaults performing physically demanding work in adverse weather conditions.

Minimum Qualifications to Apply for Electrician Constructor

- U.S. Citizenship or have legal permission to be employed in the United States
- Must be at least 18 years of age at time of hire
- High School Diploma or equivalent
- Valid Washington State Driver's License
- Department of Licensing Driver's abstract
- Three to four months work experience (paid or volunteer) in the electrical field OR six months to one year of high school training in electrical theory
- Complete one year of high school-level algebra, geometry or trigonometry

Note: If you are seeking to qualify through educational experience, you must include a transcript of your course work.

Hiring Process

Successful completion of:

- Written test on electrical theory and mathematics
- Working test demonstrating knowledge of tools and electrical equipment and the ability to perform work functions
- Interview
- Reference check
- Background check
- Pre-employment physical



HYDROELECTRIC MAINTENANCE MACHINIST

Hydroelectric Maintenance Machinist Apprenticeship is a 8,000 hour program. Hydroelectric Maintenance Machinist Apprentices perform progressively more complex and physically demanding work assignments such as maintaining/repairing equipment and machinery of large hydroelectric turbine generators at the dams. Apprentices learn the machinist trade while closely working with journey level Hydroelectric Maintenance Machinists.

Minimum Qualifications to Apply for Hydroelectric Maintenance Machinist

- U.S. Citizenship or have legal permission to be employed in the United States
- Must be at least 18 years of age at time of hire
- High School Diploma or equivalent
- Valid Washington State Driver's License
- Department of Licensing Driver's abstract
- Three to four months prior experience (paid, volunteer or schooling) in applying machine shop theory, configuring, maintaining or repairing mechanical equipment.
- Complete one year of high school-level algebra, geometry or trigonometry

Note: If you are seeking to qualify through educational experience, you must include a transcript of your course work.

Hiring Process

Successful completion of:

- Written test on algebra, some elementary mechanics, and mechanical reasoning
- Working test demonstrating knowledge of machine shop tools, mechanical aptitude, and dexterity and speed.
- Interview
- Reference check
- Background check
- Pre-employment physical



LABORER

The Laborers Apprenticeship Program is a two-year program in which apprentices are trained in all aspects of the construction trade for the City of Seattle. This training includes the use of hand and power tools, performing minor repairs to equipment, loading and unloading materials, equipment and supplies; manually digging trenches, and other labor extensive projects. Apprentices may also be required to drive trucks and heavy equipment.

Minimum Qualifications to Apply for Laborer

- U.S. Citizenship or have legal permission to be employed in the United States
- Must be at least 18 years of age at time of hire
- Successful completion of tenth grade of high school
- Valid Washington State Driver's License
- Department of Licensing Driver's abstract
- Ability to meet the physical requirements of the trade

Hiring Process

Successful completion of:

- Working exam, demonstrating knowledge of tools and the ability to perform work functions
- Interview
- Reference check
- Background check
- Pre-employment physical



LINEWORKER

Pre-Apprentice Lineworker (PAL) Program is a mandatory six month program which includes training in safety, basic electricity, rigging, strength and aerobic conditioning, pole setting, pole climbing, and truck driving. To graduate from the PAL Program you must pass tests that measure strength, cardiovascular capacity, pole climbing, and other working skills. Those who successfully complete the PAL Program and pass these tests become Lineworker Apprentices and regular Seattle City Light employees.

Completion of Seattle City Light's Pre-Apprentice Lineworker Program is mandatory to become a Lineworker Apprentice.

Lineworker Apprenticeship is a four-year/8,000 hour program. These apprentices learn to work with high voltage electricity, providing service to customers in the Seattle distribution area.

Minimum Qualifications to Apply for PAL/Lineworker Program

- U.S. Citizenship or have legal permission to be employed in the United States
- Must be at least 18 years of age at time of hire
- High School Diploma or equivalent
- Complete one year of high school-level algebra, geometry or trigonometry
- Valid Washington State Driver's License
- Department of Licensing Driver's abstract

Hiring Process

Successful completion of:

- Written exam
- Physical strength and endurance tests which include:
 - Chin-ups Pull-downs
 - Grip strength Upright rows
 - Step test - to measure cardiovascular capacity
- Working test
- Interview
- Reference check
- Background check
- Pre-employment physical
- Good health and sound physical fitness



Minimum Qualifications to Apply for Meter Electrician

- U.S. Citizenship or have legal permission to be employed in the United States
- Must be at least 18 years of age at time of hire
- High School Diploma or equivalent
- Valid Washington State Driver's License
- Department of Licensing Driver's abstract
- Three to four months work experience (paid or volunteer) in the electrical field OR six months to one year of high school training in electrical theory
- Complete one year of high school-level algebra, geometry or trigonometry

METER ELECTRICIAN

Meter Electrician Apprenticeship is a three-year/6,000 hour training program. Apprentices will learn to install single and poly-phase meters, transformer-related meters, self-contained meters and instrument transformers. Apprentices learn about laboratory and field test meters. Apprentices also learn about substations and co-generation metering.

Hiring Process

Successful completion of:

- Written test on electrical theory and mathematics
- Working test demonstrating knowledge of certain tools and electrical equipment and the ability to perform work functions
- Interview
- Reference check
- Background check
- Pre-employment physical



For Further Information

We generally have openings in the Apprenticeship Program every year. All these positions are represented by a union under a collective bargaining agreement. For information on these Apprenticeship job openings with the City of Seattle:

Write

Seattle City Light
Apprenticeship Office
700 Fifth Avenue, Suite 3300
PO Box 34023
Seattle, WA 98124-4023

Drop By

Apprenticeship Office
Seattle City Light
South Service Center
3614 Fourth Ave. South (4 & Spokane St.)
Seattle, WA 98104
(206) 386-1603

Internet

www.seattle.gov/light/apprentice

Washington State Department of Labor and Industries

You can also obtain information about apprenticeship programs throughout the State of Washington by contacting the Department of Labor and Industries.

Internet

www.lni.wa.gov/scs/apprenticeship

Address

Department of Labor and Industries
Specialty Compliance Service Division
Apprenticeship Section
P.O. Box 44530
Olympia, WA 98504-4530

Phone

(360) 902-5324 / FAX (360) 902-4248